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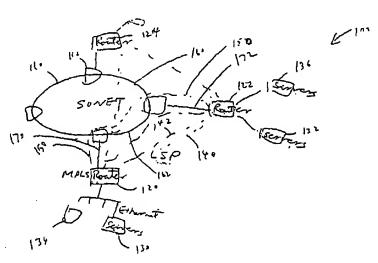
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM AND METHOD OF BINDING MPLS LABELS TO VIRTUALLY CONCATENATED SONET/SDH TRANSPORT CONNECTIONS



(57) Abstract: A system and method of binding MPLS labels to virtually concatenated SONET/SDH transport connections is provided. A system and method of binding MPLS labels to nxVt connections is provided and includes (1) classifying packets, and (2) mapping packets with a same forward equialence class to a same nxVT connection. In a further embodiment, the mapping includes: (a) associating a certain bandwidth of a connection between an external router (124) and an add-drop multiplexer (112), between a source node and the destination node, and (b) creating an nxVT connection between the source node and the destination node, thereby creating a label switch path (140, 142) between the source node and the destination node. In another embodiment, a system and method of binding MPLS labels to nxVT connections is also provided and includes mapping packets with the same MPLS label to the same nxVT connection.

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US CL : 370/401; 709/800 According to International Patent Classification (IPC) or to both national classification and IPC	
B. FIELDS SEARCHED	
Minimum documentation searched (classification system followed by classification symbols)	
U.S. : 370/401, 709/200	
Documentation searched other than minimum documentation to the extent that such documents are included in the fields	
searched	
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)	
C. DOCUMENTS CONSIDERED TO BE RELEVANT	
Category* Citation of document, with indication, where appro	opriate, of the relevant passages Relevant to claim No.
A US 6,034,964 A (FUKUSHIMA et al.)	07 MARCH 2000, ALL 1-9
A US 6,055,561 A (FELDMAN et al.) 25	APRIL 2000, ALL 1-9
Further documents are listed in the continuation of Box C	
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